

S2 BLOCK 4A REVISION

TOPIC	INTERACTIVE LINKS	TEXT LINKS
UNITS OF MEASURE	8.17.1 Estimating Metric Units 8.17.2 Conversion Between Metric Units 8.17.3 Estimating Imperial Units 8.17.4 Metric And Imperial Units 8.17.5 Problems in Context	8.17 Units of Measure
3-D	8.6.1 Common 2-D and 3-D shapes	8.6 Nets & Surface Area
STATS	7.18.2 Central Tendency 7.18.3 Dispersion 7.18.4 Comparing Data 7.18.5 Trends (extension)	7.18 Quantitative Data
PROBABILITY	7.21.1 Introduction 7.21.2 Calculating Probability 7.21.3 Relative Frequency 7.21.4 Complementary Events 7.21.5 Estimating Number of Outcomes 7.21.6 Addition Law (extension) 7.21.7 General Addition Law (extension)	7.21 Probability of One Event
COORDS, LINES	8.14.1 Coordinates 8.14.2 Plotting Points on Straight Lines 8.14.3 Plotting Graphs Given Their Equations	8.14 Straight Line Graphs

S2 BLOCK 5 REVISION

TOPIC	INTERACTIVE LINKS	TEXT LINKS
NUMBER	8.4.1 Four operations (whole numbers) 8.4.2 Four Operations (decimals) 8.4.3 Order of Operations 8.4.4 Problems in Context 8.4.5 Rounding 8.4.6 Estimating	8.4 Rounding & Estimating
ANGLES, POLYGONS	8.15.1 Angle Facts 8.15.2 Angle Properties of Polygons	8.15 Polygons
SCI NOT	9.3.4 Standard Form	9.3 Indices & Standard Form (3.4 ONLY)
ALGEBRA (INCLUDING INTEGERS)	8.8.1 Expansion of single brackets 8.8.2 Linear Equations with Brackets 8.8.3 Factorising Expressions	8.8 Algebra: Brackets
	8.12.2 Substitution into Formulae 2 8.12.3 Linear Equations 1 8.12.4 Linear Equations 2	8.12 Formulae
FRACTIONS, DECIMALS AND PERCENTAGES	9.4.1 Equivalent Fractions 9.4.2 Fractions of Quantities 9.4.3 Operations with Fractions 9.4.4 Fraction, Decimal and Percentage Equivalents 9.4.5 Percentage Increases and Decreases	8.9 Arithmetic: Fractions & Percentages

S2 BLOCK 6 REVISION

TOPIC	INTERACTIVE LINKS	TEXT LINKS
PYTHAGORAS' THEOREM	8.3.1 Pythagoras' Theorem 8.3.2 Finding the Hypotenuse 8.3.4 Problems in Context 8.3.5 Constructions and Angles	8.3 Pythagoras' Theorem
CIRCLES	8.16.1 Introduction to Circles 8.16.4 Formulae for Circumference and Area	8.16 Circles & Cylinders
AREA, PERIMETER AND VOLUME	9.9.1 2-D Shapes 9.9.2 Area of Special Shapes 9.9.3 Perimeter of Special Shapes 9.9.4 Surface Area and Volume of 3-D Shapes	9.9 Area, Perimeter & Volume
PLANS, SCALES	7.19.1 Measuring Lengths 7.19.2 Plans 7.19.3 Maps	7.19 Scale Drawing
RATIO, PROPORT'N	7.3.6 Conversion Graphs (<i>Direct Proportion</i>)	7.3 Graphs (3.6 ONLY)
	8.7.1 Equivalent Ratios 8.7.2 Direct Proportion 8.7.3 Proportional Division	8.7 Ratio & Proportion

S2 BLOCK 7 REVISION

TOPIC	INTERACTIVE LINKS	TEXT LINKS
NUMBER (MONEY)	8.13.1 Money 8.13.2 Time 8.13.3 Time and Money	8.13 Money & Time
SEQUENCES	Y9.10.1 Constant Differences Y9.10.2 Finding the Formula for a Linear Sequence Y9.10.4 Special Sequences	9.10 Sequences
DATA	8.5.1 Frequency Tables: Discrete Ungrouped Data 8.5.2 Mean, Median, Mode and Range	8.5 Data Analysis
	8.20.2 Data Display 8.20.3 Line Graphs S2.3 Stem and Leaf Plots	8.20 Questionnaires & Analysis
PROBABILITY	8.10.1 Basic Probability of One Event 8.10.2 Finding Outcomes With Two Experiments 8.10.3 Finding Probabilities Using Lists Of Outcomes 8.10.4 Multiplication Law For Independent Events (extension)	8.10 Probability - 2 events
SPEED, DIST & TIME	8.18.1 Speed 8.18.2 Calculating Speed, Distance and Time 8.18.3 Problems with Mixed Units	8.18 Speed, Distance & Time

The preceding pages contain links to pages from the excellent 'Centre for Innovation in Mathematics Teaching' website.

<http://www.cimt.org.uk/>

These links can be used to supplement and extend the work done in class. They are not a substitute for hard graft in the classroom.

The Centre for Innovation in Mathematics Teaching (CIMT) was established in 1986. The centre is a focus for research and curriculum development in Mathematics teaching and learning, with the aim of unifying and enhancing mathematical progress in schools and colleges. This CIMT Web-site was started in May 1995, and moved to University of Plymouth servers at the end of July 2005.

Mathematics Enhancement Programme (MEP)

This has been the Centre's main focus over the past few years. The Mathematics Enhancement Programme set out to implement in UK schools the findings of international research. As well as detail of the philosophy and style of teaching advocated, there is also a full set of curriculum resources for Primary and Secondary schools, including pupil texts, lesson plans, classroom resources, assessment materials and on-line interactive resources.

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